

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims

Claims 1-26 (Cancelled)

27. (New) A system-on-panel typed liquid crystal display device, comprising:

a first substrate including at least first, second and third regions;

a pixel array including a switching device and a pixel electrode in the first region of the first substrate;

a driver circuit in the second region of the first substrate;

a controller unit in the third region of the first substrate, wherein the pixel array, driver circuit and controller unit are integrally located on the first substrate;

a passivation layer over the pixel array, driver circuit and controller unit;

a second substrate substantially parallel to the first substrate; and

liquid crystal between the first and second substrates.

28. (New) The system-on-panel typed liquid crystal display of claim 27, wherein the controller unit includes an active layer formed of single crystalline silicon.

29. (New) The system-on-panel typed liquid crystal display of claim 27, wherein the pixel array has an active layer formed on single crystalline silicon.

30. (New) The system-on-panel typed liquid crystal display of claim 27, wherein the driver circuit has an active layer formed of polycrystalline silicon.

31. (New) The system-on-panel typed liquid crystal display of claim 27, wherein the pixel array has an active layer formed of polycrystalline silicon.

32. (New) The system-on-panel typed liquid crystal display of claim 27, wherein the pixel array has an active layer formed of amorphous silicon.

33. (New) The system-on-panel typed liquid crystal display of claim 27, wherein the controller unit includes a central processing unit.

34. (New) The system-on-panel typed liquid crystal display of claim 27, wherein the driver circuit has an active layer formed of single crystalline silicon.